

Converting Colors

Hex(574176)

Have a look what the booklet for
Hex(574176) contains.

Hex(574176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(574176)

Conversions

Conversions Part 1

Format	Color
Hex	574176
RGB	87, 65, 118
RGB Percent	34%, 25%, 46%
CMY	0.6588, 0.7451, 0.5373
CMYK	0.26, 0.45, 0.00, 0.54
HSL	265°, 29%, 36%
HSV	265°, 45%, 46%
XYZ	9.0908, 7.1148, 18.0337
YIQ	77.6200, -3.9010, 21.1470

Conversions

Conversions Part 2

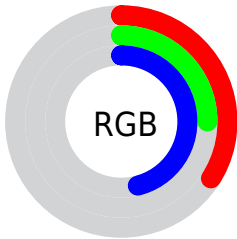
Format	Color
R_{YB}	87, 65, 118
Decimal	5718390
CIE _{Lab}	32.07, 21.48, -26.96
CIE _{LCh}	32, 34.468, 308.539
Yxy	7.1148, 0.2655, 0.2078
Android (android.graphics.Color)	4283908470 (0xFF574176)
YUV	77.6200, 19.9073, 8.2263
Hunter-Lab	26.6737, 14.1567, -21.4136

Details

The Hex color **574176** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **607641**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8A71AA**, and **271545** is the 20% darker color. If you saturate the color by 10%, you get **503576**, and if you desaturate by 10%, it is **5E4D76**.

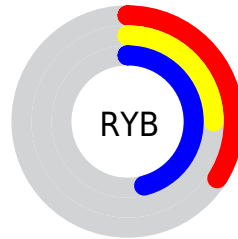
Distribution



Red (34%)

Green (25%)

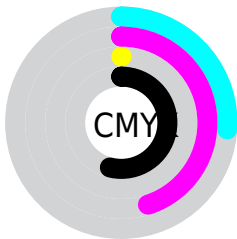
Blue (46%)



Red (34%)

Yellow (25%)

Blue (46%)

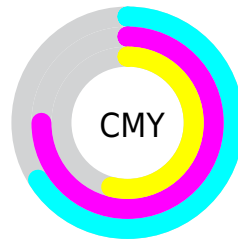


Cyan (26%)

Magenta (45%)

Yellow (0%)

Black (54%)



Cyan (66%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 574176 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 574176 by changing the saturation by 10% instead.

■ 574176

■ 574176

FFFFFF

■ 3F2B5D

■ 8A71AA

■ 271545

■ A58BC6

■ 14002F

■ C0A5E2

■ 000119

■ DCC1FF

■ 000000

■ F9DCFF

■ FFF9FF

■ 574176

■ 574176

■ 503576

■ 5E4D76

■ 492976

■ 655976

■ 421E76

■ 6C6476

■ 3B1276

■ 737076

■ 340676

■ 7A7C76

■ 310076

■ 808876

■ 879476

■ 8E9F76

■ 95AB76

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244C81



574176



723660

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



574176



6A4317



005953

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



574176



607641

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005737



574176



534D11

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



574176



79382B



36531F



00586C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



574176



7B334E



36531F



005849

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



574176



8D8599



416176



45404D



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



574176



694699



714176



37353B



33007A



6800FA

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



764160



994677



467641



3B3538



7A0048



FA0092

Previews

White Background



This preview shows how the Hex color 574176 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

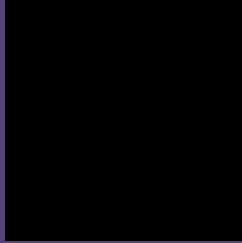
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 574176 Background



This preview shows how black text looks on a background with the Hex color 574176.



This preview shows how white text looks on a background with the Hex color 574176.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
574176

Protanopia
364A7E

Deuteranopia
384B74



Tritanopia
504A50

Trichromacy



Original Color
574176

Protanomaly
42477B

Deuteranomaly
434775

Tritanomaly
53475E

Monochromacy



Original Color
574176

Achromatopsia
4E4E4E

Achromatomaly
51495D

CSS Examples

Text

The CSS property to change the color of the text to Hex 574176 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #574176 looks like.

```
.text, #text, p{  
    color:#574176  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #574176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574176
}
```

Border

The CSS property to change the border of an element to Hex 574176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

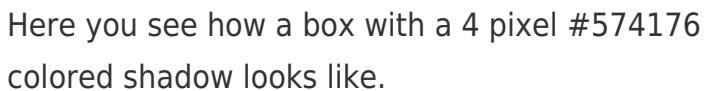
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#574176 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#574176 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #574176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574176; -webkit-box-shadow:4px 4px  
4px 4px #574176; box-shadow:4px 4px 4px  
4px #574176 }
```

Background

The CSS property to change the background color of an element to Hex 574176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574176 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#574176 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor